

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|------------------------------------|------------------|---------|------------------|
| L4 | 212005 | low\$4 near5 (lumo or conduct\$5) | US-PGPUB; USPAT | AND | ON | 2007/11/07 08:12 |
| L5 | 758 | (low\$4 near5 (lumo or conduct\$5)) same host | US-PGPUB; USPAT | AND | ON | 2007/11/07 08:12 |
| L6 | 99590 | ((electro adj lumin\$8) or electro\$1lumin\$8) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/07 08:13 |
| L7 | 201 | L5 and L6 | US-PGPUB; USPAT | AND | ON | 2007/11/07 08:13 |
| L8 | 17813 | (high\$4 near5 (lumo or conduct\$5)) same (dop\$4 or guest) | US-PGPUB; USPAT | AND | ON | 2007/11/07 08:16 |
| L9 | 1244 | I8 and I6 | US-PGPUB; USPAT | AND | ON | 2007/11/07 08:16 |
| L10 | 129 | (high\$4 near5 (lumo)) same (dop\$4 or guest) | US-PGPUB; USPAT | AND | ON | 2007/11/07 08:17 |
| L11 | 135 | (high\$4 near5 (lumo)) same (dop\$4 or guest) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/07 08:17 |
| L12 | 94 | I11 and I6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/07 08:17 |
| L13 | 2 | "9948160" | DERWENT | AND | ON | 2007/11/07 08:37 |
| L14 | 74370 | White and (single same layer) | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/11/07 08:46 |
| L15 | 6080 | I14 and I6 | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/11/07 08:46 |
| L16 | 2494 | I14 and (host same (dop\$4 or guest)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/07 08:47 |
| L17 | 1410 | I16 and I6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/07 08:47 |
| L18 | 1912 | ((charge or hole) adj transport\$) near5 (dop\$4 or guest) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/07 09:05 |

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|-----|------|--|--|-----|----|---------------------|
| L19 | 1365 | I18 and I6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/07 09:06 |
| L20 | 561 | host near5 (\$15anthracene or ADN or TBADN) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/07 09:30 |
| L21 | 634 | host near5 (\$15anthracene or ADN or TBADN or DVBPI or styrene) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/07 09:31 |
| L22 | 133 | I21 and I19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/07 09:31 |
| L23 | 3 | ("20020086180" "20030215667" "5281489").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/11/07 09:40 |
| L24 | 5 | ("20040021415" "5281489" "5294870" "5405709" "6740429").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/11/07 09:51 |
| L36 | 1 | "5121029".pn. | US-PGPUB; USPAT | AND | ON | 2007/11/07 11:43 |
| L37 | 1 | (TBADN or ADN) same (glass adj transition) | US-PGPUB; USPAT | AND | ON | 2007/11/07 13:44 |
| L38 | 1 | (TBADN or ADN) same (glass adj transition) or ("t.sub.g") | US-PGPUB; USPAT | AND | ON | 2007/11/07 13:48 |
| L39 | 75 | (TBADN or ADN or anthracene) same (glass adj transition) or ("t.sub.g") | US-PGPUB; USPAT | AND | ON | 2007/11/07 13:48 |
| L42 | 59 | "12600" | DERWENT | AND | ON | 2007/11/07 14:38 |
| L46 | 0 | "96012600" | DERWENT | AND | ON | 2007/11/07 14:39 |
| L47 | 0 | "012600" | DERWENT | AND | ON | 2007/11/07 14:40 |
| L48 | 0 | "012600" | JPO; DERWENT | AND | ON | 2007/11/07 14:40 |
| L49 | 64 | "12600" | JPO; DERWENT | AND | ON | 2007/11/07 14:40 |
| L50 | 1 | "08012600" | DERWENT | AND | ON | 2007/11/07 14:42 |
| L51 | 1 | "08012969" | DERWENT | AND | ON | 2007/11/07 14:44 |
| S10 | 4071 | 428/690.ccls. or 428/917.ccls. | US-PGPUB; USPAT | AND | ON | 2007/07/25 15:04 |

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| S11 | 2759 | 427/58.ccls. or 427/66. ccls. | US-PGPUB; USPAT | AND | ON | 2007/07/25 15:05 |
| S13 | 7229 | 313/502-509.ccls. | US-PGPUB; USPAT | AND | ON | 2007/07/25 15:07 |
| S14 | 12662 | 257/E51.001-E51.052. ccls. or 257/40.ccls. or 257/88-103.ccls. | US-PGPUB; USPAT | AND | ON | 2007/07/25 15:08 |
| S15 | 2740 | 252/301.16-301.35. ccls. | US-PGPUB; USPAT | AND | ON | 2007/07/25 15:09 |
| S16 | 8690 | L03-G05F\$.cmcd. | DERWENT | AND | ON | 2007/07/30 15:25 |
| S17 | 4774 | U11-A15\$.emcd. | DERWENT | AND | ON | 2007/07/30 15:27 |
| S18 | 30649 | U14-J\$.emcd. | DERWENT | AND | ON | 2007/07/30 15:27 |
| S19 | 22993 | 428/690.ccls. or 428/917.ccls. or 313/502-509.ccls. or 427/58.ccls. or 427/66. ccls. or 257/E51.001-E51.052.ccls. or 252/301.16-301.35. ccls. or 257/40.ccls. or 257/88-103.ccls. | US-PGPUB; USPAT | AND | ON | 2007/08/30 11:32 |
| S20 | 9295 | S19 and ((electro adj lumin\$8) or electro \$1lumin\$8) | US-PGPUB; USPAT | AND | ON | 2007/08/30 11:32 |
| S21 | 1 | 10/535311 | US-PGPUB; USPAT | AND | ON | 2007/10/28 12:31 |
| S22 | 1 | "4769292".pn. | US-PGPUB; USPAT | AND | ON | 2007/11/04 13:42 |
| S23 | 6 | "2002507852" "2000106277" "2000164362" "2002038140" "2002117980" | DERWENT | OR | ON | 2007/11/04 13:42 |
| S24 | 6 | "2002102118" "2002074015" "2002104080" "199406157" | DERWENT | OR | ON | 2007/11/04 13:44 |
| S25 | 1 | "200274015" "199406157" | DERWENT | OR | ON | 2007/11/04 13:46 |
| S26 | 1 | "19946157" | DERWENT | OR | ON | 2007/11/04 13:46 |
| S27 | 5 | "9406157" | DERWENT | OR | ON | 2007/11/04 13:46 |
| S28 | 1 | "08048656" | DERWENT | OR | ON | 2007/11/04 13:48 |

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| S29 | 1 | "63264692" | DERWENT | OR | ON | 2007/11/04 13:48 |
| S30 | 1 | "20060055305" | DERWENT | OR | ON | 2007/11/04 13:50 |
| S31 | 1 | "2002507825" | DERWENT | OR | ON | 2007/11/04 13:52 |
| S32 | 6 | "6897473" | US-PGPUB; USPAT | OR | ON | 2007/11/04 13:54 |
| S33 | 0 | "2003072966" | US-PGPUB; USPAT | OR | ON | 2007/11/04 14:34 |
| S34 | 2 | "20030072966" | US-PGPUB; USPAT | OR | ON | 2007/11/04 14:34 |
| S35 | 2 | "20030044640" | US-PGPUB; USPAT | OR | ON | 2007/11/04 14:36 |
| S36 | 1 | "20030077480" | US-PGPUB; USPAT | OR | ON | 2007/11/04 14:37 |
| S37 | 9008 | host same dop\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 08:00 |
| S38 | 99590 | ((electro adj lumin\$8) or electro\$1lumin\$8) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 08:01 |
| S39 | 3235 | S37 and S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 08:01 |
| S40 | 594 | S39 and LUMO | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 08:01 |
| S41 | 109 | S39 and (hole adj trap \$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 08:05 |
| S42 | 1307 | (charge adj trap\$4) same dop\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 09:13 |
| S43 | 33 | S42 and S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 09:13 |
| S44 | 10238 | ((charge or hole) adj trap\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 09:15 |
| S45 | 500 | S44 and S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 09:16 |
| S46 | 1537 | (styrene or \$styrylamine) same dop \$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 09:51 |

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|-----|-------|---|--|-----|----|---------------------|
| S47 | 304 | S46 and S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 09:52 |
| S48 | 21990 | multiple same dop\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 09:56 |
| S49 | 48893 | (multiple or plural or plurality) same dop\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 09:57 |
| S50 | 2337 | S49 and S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 09:57 |
| S51 | 1 | "5378519".pn. | US-PGPUB; USPAT | AND | ON | 2007/11/06 10:05 |
| S52 | 46 | ((styrene or \$styrylamine) same dop \$4) and DPVBI | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 10:07 |
| S53 | 4 | "6838818" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 10:17 |
| S54 | 2020 | (electron adj transport \$4) same host | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 10:26 |
| S55 | 469 | S54 and S49 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 10:27 |
| S56 | 644 | (co\$1dopant or co adj dopant) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 10:30 |
| S57 | 72 | S56 and S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 10:30 |
| S58 | 961 | anthracene same host | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 10:36 |
| S59 | 51 | S46 and S58 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 10:37 |
| S60 | 2 | TBADN same HOMO same LUMO | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 10:52 |
| S61 | 1585 | perylene same dop\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 10:58 |
| S62 | 481 | S61 and S58 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 10:59 |

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| S63 | 21935 | two near5 dop\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 11:21 |
| S64 | 975 | S63 and S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 11:22 |
| S65 | 14 | ("4539507" "4769292" "4885211" "5059062" "5601903" "5776622" "5853905" "5908581" "5935721").PN. OR ("6475648").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/11/06 11:25 |
| S66 | 786 | perylene same stabil\$6 | US-PGPUB; USPAT; USOCR | AND | ON | 2007/11/06 11:36 |
| S67 | 114 | S66 and S38 | US-PGPUB; USPAT; USOCR | AND | ON | 2007/11/06 11:36 |
| S68 | 2840 | electron adj trap | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/11/06 12:01 |
| S69 | 127 | S68 and S38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/11/06 12:02 |
| S70 | 117528 | second same (host or dopant) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/11/06 12:08 |
| S71 | 2227 | S70 and S38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/11/06 12:08 |
| S72 | 38992 | second near5 (host or dopant) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/11/06 12:09 |
| S73 | 762 | S72 and S38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/11/06 12:09 |
| S74 | 8 | 10/131801 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/11/06 14:34 |
| S75 | 498 | (anthracene same host) and (\$perylene same (dop\$4 or guest)) | US-PGPUB; USPAT | AND | ON | 2007/11/06 15:19 |

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| S76 | 508 | ((anthracene or ADN or TBADN) same host) and (\$perylene same (dop\$4 or guest)) | US-PGPUB; USPAT | AND | ON | 2007/11/06 15:20 |
| S77 | 3782 | (hole adj transport\$4) same (dop\$ or guest) | US-PGPUB; USPAT | AND | ON | 2007/11/06 15:39 |
| S78 | 962 | ((anthracene or ADN or TBADN) same host) | US-PGPUB; USPAT | AND | ON | 2007/11/06 15:39 |
| S79 | 661 | S78 and S77 | US-PGPUB; USPAT | AND | ON | 2007/11/06 15:39 |
| S80 | 641 | S79 and S38 | US-PGPUB; USPAT | AND | ON | 2007/11/06 15:39 |
| S81 | 1656 | (styrene or \$styrylamine) same (dop\$4 or guest) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 15:42 |
| S82 | 304 | S81 and S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/11/06 15:42 |
| S83 | 1 | "6284342".pn. | US-PGPUB; USPAT | AND | ON | 2007/11/06 15:57 |

11/7/2007 4:23:36 PM

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